

What is claimed is :

1. A moving yoke comprising a first yoke member, a second yoke member swivellable relative to the first yoke member about a first axis, the second yoke member having an arcuate support portion, and a third yoke member having an arcuate portion, which is supported by the arcuate portion of the second yoke member to enable slidabile movement relative thereto along an arcuate path.
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2. A moving yoke as claimed in Claim 1, whercin the third yoke member has means for supporting an object for pivotable movement about a second axis.
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3. A moving yoke as claimed in Claim 2, wherein the object is a light source.
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4. A moving yoke as claimed in Claim 2, wherein the third yoke member can be arranged in a position relative to the second yoke member such that the second axis is perpendicular to, and coplanar with, the first axis and can be moved from this position through an arcuate path of 90° in order to bring the second axis parallel to, and offset from, the first axis.
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5. A moving yoke as claimed in claim 1, wherein the yoke includes means for power operably swivelling the second yoke member relative to the first yoke member about said first axis, for sliding the arcuate portion of the third yoke member relative to the arcuate portion of the second yoke member and, where the third yoke member has support means, for pivoting the support means about said second axis.

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6. A moving yoke as claimed in Claim 5, wherein the swivelling means are electric motors.

7. A moving yoke as claimed in claim 1, wherein the third yoke member includes an arcuate rack engageable with at least one pinion gear which can be rotated to move the third yoke member relative to the second yoke member along said arcuate path.

8. A moving yoke as claimed in claim 7, wherein the third yoke comprises two parts rotatable relative to one another.

9. A moving yoke as claimed in Claim 8, wherein one part includes the rack and the other part includes the support means.

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